

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

- 1 A marine mooring capable of anchoring at least one marine craft such as a boat;
the mooring comprising at least one mooring element; wherein each element comprises a
5 floating body including a leading end and a trailing end; and wherein at least part of each
said element provides a spacer for separating marine craft attached to said mooring.
- 2 A mooring according to claim 1 wherein each said mooring element is anchored
so that it is capable of swinging responsive to wind or current direction whilst keeping
10 said marine craft separated from mutual contact.
- 3 A mooring according to claim 2 wherein each element is capable of use separately
or in conjunction with at least one like mooring element.
- 4 A mooring according to claim 3 wherein, each mooring element has a first wide
leading end portion and a narrower trailing portion.
- 15 5 A mooring according to claim 4 wherein, each element comprises a pontoon
including at least one recess which accommodates at least part of a length of a marine
craft attached to said pontoon.
- 6 A mooring according to claim 5 wherein, each element is substantially T shaped.
- 7 A mooring according to claim 6 wherein; a short leg of said T comprises said
20 leading end and a long leg of said T comprises said spacer.
- 8 A mooring according to claim 7 wherein said spacer allows two boats to be
connected in spaced apart relationship such that as said mooring swings said boats swing
with the element without mutual engagement.
- 9 A mooring according to claim 8 wherein; outside splayed edges are disposed
25 adjacent said leading end of each said pontoon and which are capable of engaging an
opposing corresponding splay edge of at least one adjacent like pontoon.
- 10 A mooring according to claim 9 wherein, the pontoon is hollow.
- 11 A mooring according to claim 10 wherein, the pontoon comprises an internal
space frame clad with a waterproof material.

- 12 A boat mooring according to claim 9 wherein a trailing edge of one pontoon is capable of engagement with a trailing end of a like pontoon to define a recess capable of accommodating a boat of predetermined length.
- 13 A boat mooring according to claim 9 wherein, said recesses which accommodate
5 at least part of a boat length are defined by inside splay edges and a lateral edge of said spacer.
- 14 A boat mooring according to claim 9 wherein, said pontoons are disposed in alignment so that a trailing end of one pontoon engages a leading end of an adjacent pontoon.
- 10 15 A boat mooring according to claim 9 wherein, at least two pontoons are disposed so that outside splay edges of one pontoon engage opposing outside splay edges of adjacent pontoons.
- 16 A boat mooring according to claim 9 wherein, multiple moorings are arranged so that a longitudinal axis of one pontoon is parallel to but out of alignment with a
15 longitudinal axis of at least one other like pontoon.
- 17 A boat mooring according to claim 9 wherein a plurality of pontoons are arranged so that a trailing end of one pontoon engages a trailing end of an adjacent like pontoon.
- 18 A boat mooring according to claim 9 wherein multiple pontoons are arranged so that a longitudinal axis of one pontoon is in alignment with a longitudinal axis of at least
20 one other like pontoon and normal to a longitudinal axis of at least one other adjacent.
- 19 A mooring assembly formed by a plurality of mooring elements herein before described wherein the mooring elements are arranged so that boats moored to said assembly are separated from mutual contact.
- 20 A swing mooring for enabling the anchorage of at least two boats therefrom; the
25 mooring comprising at least one floating element, each said elements having a leading end and a trailing end; and intermediate said leading end and said trailing end, a spacing element which, when boats are attached to said mooring is disposed between said boats to keep said boats spaced apart but disposed in substantially the same orientation; wherein, the mooring allows both boats to rotate within the same 360 circumference subtended
30 from an anchorage point of said element.

21 A twin berth swing mooring comprising a mooring pontoon including means to
allow connection to an anchorage at or near a leading end and including a spacer to
separate two adjacent boats connected to said mooring; the pontoon including opposing
side faces which respectively engage one said boats so that said boats are oriented in
5 substantially the same direction and may swing with said pontoon.

22 A module for use as a swing mooring for enabling the anchorage of two boats
thereto; the module being adapted for floatation and including a leading end and a
trailing end, intermediate said leading end and said trailing end a spacing element located
between said boats to keep said boats spaced apart but disposed in substantially the same
10 orientation; wherein the module allows both boats to rotate within the same 360
circumference subtended from said anchorage.

23 A swing mooring for enabling the anchorage of two boats therefrom; the mooring
disposed radially of an anchorage and subtended by a sea bed weight; the mooring
15 comprising a floating element having a leading end and a trailing end,
intermediate said leading end and said trailing end a spacing element located between
said boats when said boats are connected to said mooring to keep said boats spaced apart
but disposed in substantially the same orientation; wherein the mooring element is
subtended from a centre position defined by said weight .

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24 A flotation buoy for use as a swing mooring and capable of retaining two boats at
the same time; the buoy comprising a generally T shaped body including a leading end
and a trailing end, wherein the leading end comprises a head which is connected to a
tether such as a rope, webbing or chain and the trailing end is free to move in a 360
25 degrees arc; wherein intermediate said leading end and said trailing end there is provided
an arm having opposing outer surfaces which are continuous with a corresponding
surface on said head to define recesses either side of said arm which each receive a boat
hull; wherein said boat hulls are tied to said arm via cleats located thereon and provide
spacing between said boat hulls so as to prevent unwanted contact between said boat
30 hulls and wherein said boat hulls when connected to said arm are disposed in generally

the same windward direction such that both boats are able to rotate in unison in an arc 0 – 360 degrees.

- 25 A method of assembly of a boat mooring assembly comprising the steps of :
- 5 a) taking an element comprising capable of anchoring at least one marine vehicle such as a boat; the mooring comprising at least one mooring element; wherein each element comprises a floating body including a leading end and a trailing end; and wherein at least part of each said element provides a spacer for separating marine vehicles attached to said mooring; the method comprising the steps of ;
- 10 b) taking at least two said mooring elements and arranging the elements to form a mooring assembly;
- c) attaching at least two water vehicles to said mooring,
- 15 26 A swing mooring element according to any of the forgoing claims wherein the element is constructed from a variety of materials including plastics, concrete, metal, composite, wood or any material capable of floatation but sufficiently strong to be capable of withstanding lateral impact loads and possible shock loads imposed by marine vehicle impact.
- 20 27 A swing mooring element according to any of the foregoing claims wherein, the mooring element comprises a space frame of a predetermined shape contained in a water tight cladding to ensure maintenance of buoyancy of the mooring.
- 25 28 A swing mooring element according to any of the foregoing claims wherein at least part of at least one edge of said element is detachable fixed to the element.
- 29 A swing mooring element according to claim 24 wherein, said edge parts may be removed to reduce the overall width of the mooring element.
- 30 A water craft mooring assembly comprising at least two engaging mooring elements; wherein each element comprises a floating body including a leading end and a
- 30 elements; wherein each element comprises a floating body including a leading end and a

trailing end; and wherein at least part of each said element provides a spacer for separating marine craft attached to said mooring.

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